World Wide Web©

Say Worldwideweb or double-u-three, not double-u-double-u-double-u. The names of the slides are in the bottom right-hand corner…

Title

NeXT Screen:

point to home document, to the High Energy Physics anchor (half hidden), follow arrows, point out that links are followed by double-clicking, but indexes are searched by typing keywords.

Basics Hypertext 1:

Computer-assisted browsing in information: author plants links, readers follow them. (author can be reader!). Links form mesh or web, not a tree.

Basic Hypertext 2:

Unification of index search and document names. When following the link, the index server handles the lookup of Bloggs, and returns a synthetic document which can be linked to.

Ideas:

(self-explanatory)

Architecture:

Split browsing from document serving. Need a uniform addressing scheme, a common protocol, and format negotiation. (the latter is not implemented).
Incorporated the two other network information systems of importance: WAIS and Gopher.

Users:

Use the same operating interface for all information, irrespective of operating system, network, application that owns it, etc.

Available:

Alice is coming! "*Every day someone somewhere puts up a server*."

Providers:

Providers take a generic server and modify it to suit their data and put it on the net, independent of the browsers, independent of the ways in which the information is maintained. No conversions no change of habits!

Scaling:

You can edit your own documents and link them in, link to group information, link to far-away data bases. The size, speed and complexity of the web do not affect its performance.

Conclusions:

(obvious)

DEMO:

Find a machine with an Internet connection and a Telnet product. Do TELNET to INFO.CERN.CH (there is normally no login or password, but sometimes you need to login as WWW).